

Collection no. 168

K. H. L. Key

1

29.xii.1970 - 15.i.1971

29/12

Distances in miles

25400.9 Windsor

404.7 Wilberforce

408.8 Sandstone rise with rock

Poednura musgravii
exposures & sandy soil, leaning
eucalypts in open formation to 25ft.

Leptospermum sp., *Lambertia* sp. &

Angophora sp. 1-6ft, numerous small
flannel flowers,

shrubs, Jaggeraceae, stalky grass &

Anisopogon avenaceus R.Br.
the tall grass from Bundanoon.

Poednura apparently mainly on east.

409.7 Turn-off to left to Kurrajong.

412.8 Turn-off to left to Kurrajong.

415.8 Colo River.

416.1 Colo ~~to~~.

422.9 Colo Heights.

458.0 Turn-off to Puthy (3½ mi.)

30/12

25509.8 Singleton depart.

531.7 Jerry's Plains.

536.6. Hunter R. : in semi-flood.

Returned.

540.5. Outskirts of Jerry's Plains.

Took road to Doyle's Creek.

546.5 Turn-off to Doyle's Creek.

547.8. Hilly. E. crebra to 60ft with *Callitris*
macrotona scuriformis
endlicheri to 20ft, *Casuarina leichmannii* (?) to
20ft, *Acacia* spp.
Dodonaea sp. to 6ft, various grasses
& forbs to 1ft.

562.9 Derriman.

566.9 Goulburn R. crossing.

574.9. Turn-off to right to Sandy Hollow.

577.5. Baerani.

585.7. Turn-off to left to Widden Valley.

589.7. Kerrahee. Took road through tunnel.

593.8. Slope with brown soil. E. *hemii*-
Pardillana sp. (j.), *Goniaca australasiae*,
Phloia (spec) to 50ft with a *Phyllode*
Apotrophia bicarmata, *Phaulacridium vittatum*
Acacia sp. to 15ft. Grasses to 1ft, occ.
forbs & occ. *Wahnia* sp.

603.7. Turned right on Mudgee road (Bylong
1 mile on to left.

25610.2. Gentle slope bordering upon
Chortolirides tenuifera, *Eastroimargus muscivus*,
 river. Thinned from sav. woodland of
Oedaleus australis, *Macrotona australis*,
E. conica to 30ft. *Stipa* spp., *Sporobolus*
M. scariosus, *Leptanthus quadrilobus*,
 sp., *Dichanthium* sp. & other grasses to
Bermius brachycephalus (j.)
 18in, some forbs, including *Sida* sp.

Heteropternis, Aecida (j.), Phaul. vittatum.

612.5. Turn-off to Merrivale to right.

619.7. Wallar.

630.2. Mungthorn Gap. Hilly, with pale
Goniaca opomaloidea, *morabine* sp. P105(?)
 grey soil. *E. rossi*, *E. maculosa*, a grey
 gum & a stringybark to 70ft with *Callitris*
endlicheri to 30ft & miscellaneous shrubs
 to 4ft. Occ. patches Cyperaceae, occ.

Xanthorrhoea, v. occ. *Macrozamia*. Much
 litter. Exama.

635.5. Cooyal.

644.7. Home Rule.

~~3/11/82~~ [N.B. The country from S of the
 Colo R. to well N of Putty is relatively
 uniformly & suitable for *Pardnera*
 throughout, with Cyperaceae &

Bundanoon grass. From Singleton to Gulgong there were hardly any even remotely suitable habitats, ^{perhaps} except for one or two at the western end. The rock seems to be mainly conglomerate & the vegetation *E. crebra*, *E. hemiphylloia*, & *Callitris endlicheri*.]

31/12.

25659.0. Home Rule. Took Cooyal road.

659.5. Gentle slope; pale brown soil. *Conyophytes ruficola*, *Excoecaria includens*, *E. blakelyi*, *E. rostrata* to 30ft, with *Gonimacra opomacroides*, *Cirphula pyrrohaemorrhoidalis* groups of a rough-barked mallee to 20ft. ^{occ. to 4ft.} Dense microphyllous shrubs to 1ft.

Aristida & other grasses to same, occ.

Macrozamia to 1ft. *Phaul. vittatum*

662.0. Turned round.

662.9. ~~The~~ Slope with brown soil. *Angophora* *Excoecaria includens*, ^{occ.} *Gonimacra carinata*, *intermedia*, *E. blakelyi*, *E. meliodora* to 40ft, with *Casuarina luciniana* to 30ft, *Apotropeis tricarinata* *Cassinia* sp. to 5ft. ^{occ.} *Acacia* sp. to same,

some microphyllous shrubs to 1ft.
Aristida & other grasses to 1ft. Macrotoma
australis, Phaul. vittatum.

664.9. Home Rule.

672.3. Gulgong depart (via Guntawang)

682.6. Slopes of small hill, stony. E.
Gonialea vocans, *Macrotoma australis*,
diabata, *Calibris endlicheri* to 2ft, with
M. scuriformis, *Gastrimargus musicus* (j.),
 dense *Prostanthera* sp. & *Stypandra* (?) sp.
Phaulacridium vittatum, *Pycnostichus* sp. 1,
 to 3ft, leading down to E. woodland on
Prasickulus sp., *Peakesia hospita*.
 lower slopes, heavily thinned, with *Aristida*
 & other grasses to 18in. Oedaleus, Heteropt.

(j.). Occ. *Lepidosperma* among *Prostanthera*.

690.9. Goolma.

691.5. Turned off for Gallan.

697.3. Ridge with grey-brown gravelly
Oedaleus australis, *Macrotoma australis*,
 soil. E. *polyanthemus* with some E.
Austroicetes frater, *Phaulacridium vittatum*,
macrotyrcha to 4ft with *Calibris*
P. nanum, *Prasickulus* sp., *Brachyocoma*
endlicheri to same. *Cassina* sp. & other
lobipennis, *Tetrix* sp., *Keyacris morcida*.
 microphyllous shrubs 1-5ft, dense where
 the dominants thinned, some thin
 grass. Cirphula pyrochrochennis. Frogg.

701.7. Road in from Dunedoo on right.

704.6. Road in from Geurie on left.

708.5. Road in from Geurie on left.

712.1. Road in from Dunedoo on ~~left~~ right

712.4. Road in from Mullington on left.

716.3. Turned left into Dunedoo - Dubbo road.

718.0. Ridge with rock outcrops. E.
Gomāea australasiae, *Phaulacridium* sp. 4 (?),
~~*racemosa*~~ *crebra* & *C. endlicheri* to 50 ft,
Coryphantha ruficollis, *Urnisa guttulosa*
E. dealbata to 30 ft, rather sparse

microphyllous shrubs 1-3 ft, much bare ground & leaf litter. *Urnisa* on loose gravel following road disturbance. Sparse grass. *Pycno. senatus*.

720.1 Ballimore.

1/1/71.

25745.9. Dubbo depart.

750.9. Turned off Newell Highway on Mendooran road.

751.3. Brocklehurst.

753.0. Road in from Mendooran on right.

756.7 Stony hill with *E. dealbata*, *E.*
Goniala vocans, *Heteropternis obscurella*,
Cnephala + *E. macroorhyncha* to 40ft, *Acacia*
Apotropis tricarinata, *Macrotona australis*,
 spp. (2) to 15ft fairly dense, *Stypanandra* (?)
M. sp. 13, *Phaulacridium sp. 4*
 sp. dense for most part to 3ft, occ. small
 shrubs, sparse grass, *Cheilanthes*
 abundant. Oct.

759.6. Turned right just before Mogriguy.

762.0. Enter Gonoo State Forest.

762.5. Flat, with brown sandy loam. *E.*
morabine sp. P97, *Phaulacridium sp. 4*,
Cnephala to 60ft, *C. endlicheri* to 40ft, *Acacia*
Macrotona sp. 13, *Monistria discrepans*, *Epallia*
 sp. to 12ft, *Casuarina luehmannii* occ. to
 sp., *Cirphula pyrochroensis*, *Goniala vocans*,
 20ft. Microphyllous shrubs fairly dense
Macrotona scarriformis, *Rupacris marcidula*
 1-2ft, *Lepidosperma* frequent to 18in,

Calamia sp. occ. to 1ft, grasses & forbs
 incl. *Helichrysum* sp. *Prostanthera* ?aff.
 frequent, *Monistria* on a *Prostanthera* (spec.)
empetrifolia Scit.
 to 2ft 6in. leaf litter under trees. Return.

765.4. Rejoin Dubbo-Mogriguy road.

765.6. Mogriguy.

775.4. Emmungerie.

776.0. Rejoin Newell Highway.

793.4. Gilgandra.

794.3 Turned right off Newell Highway
on Mendocorn road.

798.3 Road from Bearbung in from left.
to 60 ft

806.4 Cleared by fire from *E. crebra* & *C.*
Apotropis bicarinata, *Cirphula pyrhocephala*,
hugeli to 40 ft on low rise with
Macrotona sp. 13, *morabine* sp. P97(?),
brown sandy loam soil. *Dodonaea* sp.,
Acacia spp. & a few other shrubs in
open formation, with *Aristida* &
other grasses. *Oed*, *Arnisa guttulosa*,
Genus nov. 95 *ochracea*, *Heteroph.*

808.8 Sallabalah Creek crossing.

812.1 Mileage post "Gilgandra 19".

814.6 Road in from Bearbung to left.

Peg: "Mendocorn 12".

817.1 Top of gentle ridge, brown sandy loam.
Macrotona scuriformis, *Phaulacridium*
E. crebra, *E. dealbata*, & *C. endlicheri* all
nanum, *Goniaca opomaloides*, *G. australasica*
to 40 ft, partly cleared. Most shrubs to
4 ft, sparse under intact community,
denser where cleared. *Cirphula*.

818.1 Castlecragh R. Crossing.

821.5 Cleared from *E. crebra* to 60 ft & *C.*

9

Phaulacridium sp. 4, *Coryphistes ruficola*,
endliche to 50ft on brown sandy loam
Phaulacridium nanum
flat. Broombush to 10ft, other shrubs
sparse to 1ft, sparse grasses. Oco, Heter,
Chost., Gen. nov. 95 ochracea.

822.2 4-mile peg from Mendooran.

826.2. Mendooran. Took road to Dubbo

829.9. Undulating, with brown soil.
Goniale australasica, *Coryphula pyrohaemalis*,
E. crebra, *E. dealbata* to 40ft, *C. endliche*
Uruia sp., *Macrotona* sp. 13, *maabine* sp. P97.
to 30ft, *Acacia* spp. to 12ft, microphyllous
shrubs fairly dense to 1-3ft., *Aristida* &
other grasses sparse to 1ft, forbs.

2/1.

25873.6. Dubbo depart on Dumedoo road.

881.5. Turned left on Mendooran road.

882.0. Railway crossing & road intersection.

884.8 = 881.5.

896.8. Ballinore.

900.9 Road in from Gollan on right.

903.2 (On compulsory deviation to north
Phaulacridium nanum, *Goniale opomaloides*
of railway) Brown sandy loam flat, with
E. crebra regrowth, *Callitris endliche*, &

+ *Casuarina luehmannii*, with dense growth of microphyllous shrubs, mainly *Calytrix* sp. to 3ft. Cirphula, Gen. nov. 95
Ochracea.

904.5. Return to main road.

905.3. Low hill with brown sandy loam.
Macrotoma australis, *Phaulacridium vittatum*,
E. woolscana, *E. blakebyi* + *C. hugelii* to
p. nanum
50ft, rising to *E. crebra* + *C. endlicheri*.

Microphyllous shrubs frequent to 18in.,

Stipa sp. to 1ft, *Gahnia* sp. frequent to 1ft.

Brachypexama, Oed, Heteropt., Gen. nov. 95

Ochracea.

908.0. Elong Elong.

920.6. Road in from Gulgong on right.

920.8. Rise with brown sandy loam +
Paridellana sp. (?), *Macrotoma australis*,
some stones. *E. woolsciana* to 60ft with
Kyacris marada
microphyllous shrubs to 3ft + less, occ.

Gahnia sp., abundant large papyrus

"*Helichrysum*" (*Kyacris* on this).

933.0. Dunedoo.

937.6 = 937.2.

937.4. Mumbedah Creek crossing. Creek
Tipuza crassa, *Gonolobus australasicus*, *Cedalus*
 floodplain with *E. Camaldulensis*
australis, *Pygostictus* sp. 1, *Phaulacridium vittatum*,
 leading out to *Angophora intermedius* &
Macrotoma securiformis, *Cedaria* sp. 4, morabine
E. woollscana to 60ft. *Stipa* spp., *Aristida*
 sp. P43/46
 sp., *Sporobolus* sp. & other grasses 1-2ft,
 occ. forbs, occ. *Chilanthus*. Morabine
 apparently associated with latter in
 long stalky grass. *Brachypoxa*.

Fogg.

945.9. Gentle slope with brown sandy
Coryphoptes muricula, *Gonolobus australasicus*
 loam. *E. woollscana* to 40ft, occ. *C.*
eudlichi to 20ft, abundant shrubs,
 largely *Bodonaea*, *Cassinia*, & *Calytrix*, to
 4ft., *Aristida* to 1ft.

946.5. Merrygoon Creek crossing.

957.2 Mendosran.

26023.2 Coonabarabran.

3/2.

26037.7 Coonabarabran.

040.9. Turned left on Narrabri Road.

042.7. Gently undulating, with pale

brown sandy loam. *E. macrostycha*,
Psedna nana, *Keoparis marida*
E. rossii, & *Angophora intermedia* to
 60 ft, *Acacia* spp. to 6 ft in places,
 microphyllous shrubs to 1 ft, occ.
Macarozamia sp., occ. *Xanthorrhoea* sp.,
Lomandra sp. in patches, sparse *Themeda*
 & other coarse wiry grasses to 3 ft.
Prosoedra associated with the grasses,
 in absence of any cyperaceae.

^{26346.3.}
 4/1 [Dorrigo National Park, 3 mi. from
 Dorrigo on Bellinger road. Rainforest on
 summit & slopes of Dorrigo Mountain.
 Red loam. Large buttress trees with lianes,
 climbing palms & ferns, tree ferns,
 numerous spp. of lower ferns, much
 bare ground & litter, fallen trunks, etc.
Vinguelina brunneri
 Tetrigids caught with fingers on trunks
 of trees of all sizes above ca. 6 in
 diameter, from ca. 18 in above ground
 to highest point reachable with hand,
 but apparently not higher. Trees

selected seemed to be mainly smooth-barked, without dense growth of moss, but with smooth coating of lichen & presumably unicellular algae. Collection made 8.15 - 9.15 pm. - with torch. Associated arthropods: a cricket (specimen), occ. blattids, beetles: millipedes.

5/1.

26346.3. Depart Donigo Nat. Park.

373.8. Urunga.

376.0. Hungry Head.

377.7. Rejoin Pacific Highway S of Urunga.

382.1. Turned off to Valla Beach.

383.1. Valla Beach. Saw no likely habitat for *Pseudomura*.

385.1 Back on highway. Turned S.

391.1. Nambucca Head. Saw no typical habitats for *Pseudomura*. Return.

407.1 Urunga.

419.9. Turned right for Sawtell.

423.0 Sawtell.

426.4 Rejoined Pacific Highway

430.1 Coffs Harbour.

433.0 Surf Beach. Return.

456.2. Depart S from southern turn-off to Woolgoolga.

[Section between Urunga & Nambucca Heads seems to be without healthy habitats. North of Urunga there was no evidence of such habitats along the highway, nor on the Sawtell loop road, until immediately S of Coffs Harbour. Mylerton was not visited. Between Coffs Harbour & Woolgoolga there were occasional apparently suitable areas for psedurnices & morabunies, but not at Emeralds Beach.]

6/1.

26473.4 Sun Coast motel depart.

473.7. Little Arrewarra Creek crossing.

477.7. Corindi Beach (wasted 0.3 mile).

478.5. Turned off to Red Rock.

482.1. Red Rock. Return.

482.4. Heath flat, bordered by paper-bark,
Morabine sp. - P102

Casuarina sp., & *Banksia* sp. to 15ft.

Microphyllous shrubs & *Banksia* sp. to 18in,
 cyperaceae abundant. (Most *Morabine* computed)

483.1. More swampy flat, with cyperaceae
Gymnos nov. 9 sp. 1
 & a few small shrubs to 9in.

485.7. Back on highway

516.7. Grafton.

546.7. Maclean.

547.0. The hook-out. Return.

548.4. Maclean.

560.1. Yamba.

562.5. Still Yamba. Margin of low-lying
Coryphistes ruscicola, *Pseudomua pedicatis* (j.),
 area adjacent to golf course. *Banksia*
Morabine sp. - P102
 sp. to 15ft, with a sprawling *Acacia* to
 4ft, *Senecio* sp. to 5ft. Large patches
 Cyperaceae to 2ft (*Pseudomua* on these),
 occasional microphyllous shrubs on
 higher areas (*Morabine* on these).

562.9. Yamba depart.

571.5. Joined Pacific Highway to cross
Clarence R.

608.2. Evans Head.

711.

610.2 Low sandstone hill & adjacent
Goniaca opomabides, *Cirphula pyrrhocnemis*,
depression between Evans R. & sea, E. of
Conyphistes ruficola, *Eumecistes gramineus*,
Evans Head township. Dense heath 1-3ft
morabine sp. P101.
on white sand. *Banksia serrata* &

B. sp., occ. to 5ft, usually to 1-2ft, occ.
stunted *Tristania conferta* to 3ft, numerous
microphyllous shrubs, incl. *Leptospermum*
Canthorhiza sp. to 2ft,
spp., *Gahnia* sp. in depression, various
Cyperaceae occ. & in patches. Phasmids
on *Banksia* sp. Gastr. Return.

610.9. Just S. of Evans R. bridge on edge of
Bermius brachycerus, *Pseudura pedestris*,
township. Fire-damaged paperbark &
Atractomorpha similis.
Banksia to 3ft, with *Gahnia* sp. to
5ft, *Cyperaceae* abundant to 2ft, ~~various~~
microphyllous shrubs sparse, grass in
patches. *Pseudura* among ~~rusty~~ sedges.

611.4. Evans Head.

~~Thur~~

614.9. Evans Head. Depart on Woodburn road.

617.9. Turn round.

618.3. Extensive flat with pale grey sand.

Eumecurus graciosus, *Gemma* nov. 9 sp. 1,
Heath to 1 ft., with microphyllous shrubs,
Coryphista ruscicola, *Scama includens*, *Cirphula*
Banksia sp., *Xanthorrhoea* sp. (geocaulous,
pyrrhocaulis, *Poednura mus-gravii*, morabine
very abundant), + occ. patches Cyperaceae
Caustiglossa R. Br. sp. P101
(spec). *Poednura* apparently on latter.

Heteropt.

621.0. Evans Head (wasted 0.2 mi)

627.4. Flat depression with geocaulous

Poednura pedestris
Xanthorrhoea, several different
Cyperaceae, + several microphyllous shrubs
to 1 ft., (S. of township, just before
gate into air force reserve.)

630.0. Evans Head township.

8/1.

26630. Evans Head depart.

638.5. Broadwater.

654.2. Ballina

662.7. Turned right on Lennox Head road.

666.3. Flat, with *Banksia serrata* &
Exocarpus aculeatus, *Pseudomura pedestris*,
 the paperbark to 15ft leading to open
morabine sp. P101(?)
 heath to 2ft with miscellaneous shrubs,
 incl. *Banksia* sp. to 2ft, grassy
Xanthorrhoea dense, sparse *Cyperaceae*,
 occ. *Gahnia* sp. to 4ft., Christmas bells,
 partly swampy. *P. pedestris* in more
 swampy part on *Cyperaceae*. Return.

669.9. Back on highway.

674.6 Bangalow.

Burra Burra.

775.0. Rainforest & WSF. Tetrigids on
Tepperotetta reliqua
 moss- & lichen-covered rocks & logs in
 rainforest ~~at night~~ at night.

9/1. Springbrook, in rainforest (subtropical
 & *Nothofagus moorei*) at radar station,
 almost on N.S.W. border.

Very well developed virgin forest.

Tepperotetta reliqua
 Tetrigids on lower 3ft of trees, hemiceps
 on ground - both at night, 7.45 - 8.45

pm., by torch light.

10/1.

26879.7 Miami. Margins of low-lying
Gerardia nov. 10 sp. 1, *Bermia brachyceras*,
 area with dense *Cyperaceae* to 18 in,
Pseudomura musgravei

Callistemon sp. to same, patches paper bark to 15ft. white sand.

941.0.

11/1. On highway N of Brunswick Heads.

Poednuma pedestris

Paperbark & Casuarina ? glauca to 30ft on swampy area with belts of Cyperaceae & bullrushes, bordered by Imperata.

Poednuma on margin of Cyperaceae.

941.6. Brunswick Heads.

12/1. 27099.4. Grafton, depart S. (spec.)

117.8. *E. haemastoma*, *E. gummufera* ✓, & *Cirphula pyrrhocnemis*, *Goniaca opuncaloides*, all with brown rough bark to near tips *Myrabaine* sp. P102, *Eucalyptus planchoniana* F. Muell.

& large fluted fruits (spec.), all to 70ft on *Poednuma musgravei* gentle undulations with near-white & *Banksia* sp.

sand. Microphyllous shrub 1-3ft,

Xanthorrhoea numerous to 2ft, scattered

Anisopogon avenaceus? *Themeda australis* & *Bundanon* grass (?),

scattered cyperaceae.

118.4 Halfway Creek.

128.8. Corindi.

134.0. Sun Coast motel.

134.3. Turn off to Mullaway to left.

27/36.7. Turned left for Woolgoolga.

27/39.9. Woolgoolga depart.

27/40.3. Turned left down highway.

144.3. Low-lying sandy flat cleared from
Atractomorpha similis, *Aiolopus thalassinus*,
 paperbark to 30ft. Dense Cyperaceae
Gastromachus viridius, *Pseudura pedestris*.
 (2063 spp.) + *Imperata* to 18in. with
 some ferns to 1ft. *Pseudura* almost
 confined to an artificial drainage line
 parallel to road, where grass was
 absent, & the more vigorous sedges
 were in small separated areas &
 in bands fringing bare ground of
 the drainage line. (Specimen of the
Baumea rubiginosa (Spreng.) Boeck.
 most favoured sedge) Return.

148.6. Woolgoolga.

13/1.

27/50.9. Woolgoolga depart.

167.0. Coffs Harbour.
 to 70ft

169.6 *E. pilularis* on slope with
 a leguminous microphyllous shrub to

Psednura pedestris, *Abactomopha similis*,
 3ft, leading down to swampy flat
Berninus brachycaemus, *Acrida conica*
 cleared from paperbarks, a red-gum &
 another one all to 40ft., with at least
 3 species of Cyperaceae to 18in. & a
 few small shrubs. *Psednura* among
 regenerating after ploughing.
 Cyperaceae, especially one sp. (spec.)
Chorizanthe sphaerocephala R. Br.
Gastr., Calid., Heteropt.

14/1.

27350.6. Tuncurry. Took Tarce road

352.7. Turned right to aerodrome.

352.9. *Banksia serrata* on white sand
Peakea brunea, *Eumecistes graciosus*.
 of fixed dunes, to 12ft, dense in places,
 in part cleared, with ~~some~~ microphyllous
 shrubs mainly to 3ft. in places to
 some 1ft, partly sedge to 1ft. Cirph., Exama,
Phaul. nanum. Return.

361.9. Forster depart.

369.0 Heath on fixed dunes & flat
Cirphula pyrochroensis, *Eumecistes graciosus*,
 behind it. white sand. Microphyllous
Exama includens, *Phaulacridium nanum*,
 shrubs to 1ft, with *Banksia serrata*
morabine sp. P105

Acacia sp. 22

also Casuarina sp. to same.

frequent 1-2 ft., *Leptodermis* & other
sedges scattered. Easbr., Heteropt.

370.5. Booti Booti.

381.1. Margin of Smith's Lake, immediately
Pseudnura pedestris, *Atractomorpha similis*
backed by paperbark & *Casuarina glauca*
to 40 ft & then *E. pilularis* to ⁶⁰ft. Various
Cyperaceae dense to 1-2 ft, with grasses
between in places.

400.8. Bullockela.

15/1.

424.9. Depression on whitish sand,
occ. *Goniodia australasica*, *G. opomaloides*,
with stunted eucalypts & paperbark
Pseudnura pedestris, *Morabine* sp. P105
to 15 ft, & heath 1-5 ft. *Banksia* sp.,
Callistemon sp., *Leptospermum* spp.,
several species of Cyperaceae abundant.

426.0 Tea Gardens. Return.

526.0. W. of Gosford. Intersection of
Woy Woy & Sydney road, near Lambley
Motel. Took Woy Woy road.

526.4. Swampy depression under
Praxilobus sp.
Casuarina glauca to 20 ft adjoining

mangroves. Cyperaceae dense to 2ft,
patches forbs & grasses.

529.8. Kooliwong.

531.2. Woy Woy. Took Sydney road.

533.7. Seepage channel in steep sandstone
moraine sp. P105
country, with white sand. *E. gummifera*,
A. lanceolata
E. micrantha 1 to 4ft. Numerous spp. of
microphyllous shrubs 1-5ft, numerous
spp. of Cyperaceae 9in to 3ft.

539.1. Turned right at Sydney-Gosford junction.

541.3. Gosford-Woy Woy junction.